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Total No. of Pages : 01

Total No. of Questions : 06

M.Pharmacy (Pharmacology) (2017 & Onwards) (Sem.-1)
PHARMACOLOGICAL & TOXICOLOGICAL SCREENING
METHODS-I

Subject Code : MPL-103T

M.Code : 74677

Time : 3 Hrs.

Max. Marks : 75

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions out of SIX questions.
2. Each question carry FIFTEEN marks.

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| 1. a) What is IAEC? Discuss structure and function of IAEC. | 8 |
| b) Add a note on transgenic animals. | 7 |
| 2. Discuss one animal model each of acute, sub-acute and proliferative inflammation. | 15 |
| 3. a) Discuss utility of Elevated plus maze-test to evaluate anti-anxiety and memory enhancing drugs. | 7 |
| b) Explain any two animal models of Parkinsonism. | 8 |
| 4. Write a critical note on animal models of depression. | 15 |
| 5. a) Describe any two models of heart failure. | 8 |
| b) Alternatives to animal toxicity testing. | 7 |
| 6. Write notes on following: | |
| a) Streptozotocin induced diabetes. | 5 |
| b) Immuno assay of Digoxin | 5 |
| c) Apomorphine induced stereotypy. | 5 |

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.

